

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/EP2004/014577

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K14/395 C12N15/81 C12N1/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>LIANG H ET AL: "Trinucleotide Insertions, Deletions, and Point Mutations in Glucose Transporters Confer k⁺ Uptake in <i>Saccharomyces cerevisiae</i>"</p> <p>MOLECULAR AND CELLULAR BIOLOGY, AMERICAN SOCIETY FOR MICROBIOLOGY, WASHINGTON, US, vol. 18, no. 2, February 1998 (1998-02), pages 926-935; XP002975074</p> <p>ISSN: 0270-7306</p> <p>see Table 1, HXT3 206, 213, 237</p> <p style="text-align: center;">-/-</p>	1-3, 5-7

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

25 April 2005

Date of mailing of the international search report

06/05/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>REIFENBERGER ELKE ET AL: "Kinetic characterization of individual hexose transporters of <i>Saccharomyces cerevisiae</i> and their relation to the triggering mechanisms of glucose repression" EUROPEAN JOURNAL OF BIOCHEMISTRY, vol. 245, no. 2, 1997, pages 324-333, XP002325914 ISSN: 0014-2956</p>	
A	<p>OZCAN ET AL: "Three different regulatory mechanisms enable yeast hexose transporter (HXT) genes to be induced by different levels of glucose" MOLECULAR AND CELLULAR BIOLOGY, AMERICAN SOCIETY FOR MICROBIOLOGY, WASHINGTON, US, vol. 15, no. 3, March 1995 (1995-03), pages 1564-1572, XP002117337 ISSN: 0270-7306</p>	
A	<p>MAIER ANDREAS ET AL: "Characterisation of glucose transport in <i>Saccharomyces cerevisiae</i> with plasma membrane vesicles (countertransport) and intact cells (initial uptake) with single Hxt1, Hxt2, Hxt3, Hxt4, Hxt6, Hxt7 or Gal2 transporters." FEMS YEAST RESEARCH, vol. 2, no. 4, December 2002 (2002-12), pages 539-550, XP002325915 ISSN: 1567-1356</p>	